

CLAIMS

1. A stress-test information database stored in a computer-readable medium and usable for
5 storing information related to a stress-test of different products, comprising:

a product data entity storing product-specific information for a plurality of the
different products that may be subjected to the stress-test;

a process data entity storing testing process information for conducting one or more
stress-test processes of the stress-test;

10 a result data entity storing stress-test result information relating to one or more
results of the stress-test processes;

a product-result map relating said product data entity to said result data entity; and

a process-result map relating said process data entity to said result data entity.

15 2. The stress-test database according to claim 1, wherein a plurality of equipment may be
utilized to conduct the stress-test, the database further comprising:

a command data entity storing command information that may be utilized to
command the equipment; and

an equipment data entity storing information relating to the equipment;

20 said equipment data entity being associated with said command data entity to permit
a variety of equipment-specific command information to be retrieved.

3. The stress-test database according to claim 2,

said command data entity including a generic command data entity storing information relating to generic commands usable to conduct the stress test processes and an equipment command string data entity usable for translating generic commands to equipment-specific commands,

5 said generic command data entity being associated with said equipment command string data entity; and

 said equipment data entity being associated with said command data entity,

 wherein a generic command may be translated into an equipment-specific command via the associations between said generic command data entity, said equipment command string data entity, and said equipment data entity.

4. The stress-test database according to claim 3, wherein the equipment includes test equipment, equipment of the product being stress-tested, and/or communications equipment.

15 5. The stress-test database according to claim 3, further comprising:

 a parsing table storing information relating to parsing of equipment-specific data received as a result of the stress test;

 said parsing table being associated with said equipment data entity to permit the equipment-specific data to be parsed into a more consistent format suitable for storage by

20 said result data entity.

6. The stress-test database according to claim 1,

said product data entity including product group, product line and product

identification data entities respectively storing information relating to groups of products,
product lines within product groups, and specific product identification;

said product data entity being associated with said product group data entity and said
product line data entity.

7. The stress-test database according to claim 6,

said product group data entity storing product group ID and group description
information;

said product line data entity storing product line ID, product line name, and product
line description information; and

said product data entity storing product ID, product name, product group ID, product
description, product part number and product line ID information.

8. The stress-test database according to claim 1, wherein the stress test utilizes at least one
virtual oven, said process data entity including:

a virtual oven data entity storing information relating to one or more virtual ovens
that may be utilized to conduct the stress test.